

MIL-W-16878E TYPE B: 105°C, 600 VOLT
 UL 1429, CSA: 80°C, 150 VOLT
 MIL-W-16878E TYPE C: 105°C, 1000 VOLT
 UL 1430, CSA: 105°C, 300 VOLT
 RoHS COMPLIANT

HOOK-UP WIRE

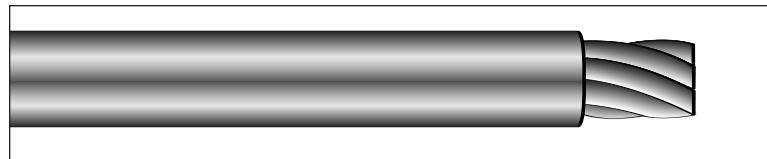
IRRADIATED PVC INSULATION

SOLDER IRON RESISTANT

Irradiated PVC Insulated Hook-Up Wire is exposed to controlled electron beam radiation which results in an insulation far superior to ordinary PVC.

Irradiated PVC withstands higher temperatures than ordinary PVC. Because of its ability to resist solder iron heat, it is the ideal material to use where high reliability is essential and particularly valuable in the wiring of tight, high-density systems.

Irradiated PVC insulation is tougher than ordinary PVC resulting in greatly improved abrasion and cut-through resistance.



MIL-W-16878E TYPE B: 105°C, 600 VOLT
CSA AWM I A/B FT1: 105°C, 150 VOLT
UL 1429: 80°C, 150 VOLT

Alpha Part No.	Conductor AWG	Strand	Insul. Thickness Inches	mm	Diameter Inches	mm	Stock Colors*
7053	26	7/34	0.010	0.25	0.040	1.02	1-10
7054	24	7/32	0.010	0.25	0.045	1.14	1-10
7054/19	24	19/36	0.010	0.25	0.045	1.14	1-10
7055	22	7/30	0.010	0.25	0.051	1.30	1-10
7055/19	22	19/34	0.010	0.25	0.052	1.32	1-10
7056	20	7/28	0.010	0.25	0.059	1.50	1-10
7056/19	20	19/32	0.010	0.25	0.060	1.52	1-10
7057	18	7/26	0.010	0.25	0.070	1.78	1-10
7057/19	18	19/30	0.010	0.25	0.070	1.78	1-10
7058/19	16	19/29	0.010	0.25	0.078	1.98	1-10

*See color chart below

171

CHARACTERISTICS

OPERATING TEMPERATURE:

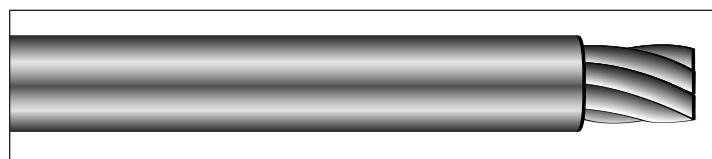
- -55°C to 105°C – UL AWM 1430
- -55°C to 105°C – UL AWM 3317
- -55°C to 105°C – CSA AWM I A/B FT1
- -55°C to 105°C – MIL-W-16878E
- -55°C to 80°C – UL AWM 1429

VOLTAGE RATING:

- 600 Volt (MIL), 150 Volt (UL, CSA)
- 1000 Volt (MIL), 300 Volt (UL, CSA)

PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded, Irradiated PVC (XLPVC)



MIL-W-16878E TYPE C: 105°C, 1000 VOLT
UL 1430, CSA REW XLPVC: 105°C, 300 VOLT

Alpha Part No.	Conductor AWG	Strand	Insul. Thickness Inches	mm	Diameter Inches	mm	Stock Colors*
7130	24	7/32	0.016	0.41	0.056	1.42	1-10,29
7131	22	7/30	0.016	0.41	0.062	1.58	1-10
7132	20	7/28	0.016	0.41	0.070	1.78	1-10
7133	18	7/26	0.016	0.41	0.082	2.08	1-10,29
7134	16	19/29	0.016	0.41	0.092	2.34	1-10,29
7035†	14	19/27	0.016	0.41	0.107	2.72	1-10,29
7036†	12	19/25	0.016	0.41	0.124	3.15	1-10,29

† UL 3317

*See color chart below

SPECIFICATIONS

- UL AWM Style 1429
- UL AWM Style 1430
- UL AWM Style 3317
- CSA AWM I A/B FT1
- CSA REW XLPVC FT1
- MIL-W-16878E, Type B
- MIL-W-16878E, Type C
- RoHS Compliant



AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups

*STOCK COLOR CHART								
1-White	3-Red	5-Yellow	7-Brown	9-Gray	29-Yellow/Green			
2-Black	4-Green	6-Blue	8-Orange	10-Violet (purple)				